

ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis 5, Missouri

June 12, 1972

Mr. Robert F. Kriz
C/o American Numismatic Association
P. O. Box 2366
Colorado Springs, Colo. 80901

Dear Mr. Kriz:

Your specific gravity article on United States Gold was a pleasure to read and study. Congratulations.

Have you ever checked the adulterant in the San Francisco Mint gold coinage, 1850-1860? I believe the color indicates other than copper and wonder what specific gravity deviation there might be from Philadelphia Mint pieces.

Your comment would be appreciated.

Sincerely yours,

EPN/
atb

ERIC P. NEWMAN NUMISMATIC
EDUCATION SOCIETY



ROBERT F. KRIZ

COLONEL, U.S.A.R., RET.

1710 RICHARDSON ROAD
MERRITT ISLAND, FLORIDA 32952
305-632-4172

NUMISMATIST

•
A.N.S.
A.N.A. LM 587
C.I.N. 811
MEMBER, ASSAY
COMMISSION, 1972

19 June 1972

Eric P. Newman Numismatic Society
6450 Cecil Avenue
St. Louis 5, Missouri

Dear Mr. Newman:

Your letter of June 12, 1972 arrived today, and I thank you for your kind remarks regarding my article on specific gravity of United States Gold.

I have not checked the specific gravity of 1850-60 San Francisco Mint gold coinage. Though my U. S. Gold Type Set lacks only one coin, I just don't happen to have any coins of this mint for this period. I have talked to John Jay Pittman on early California gold, and it appears the Augustus Humbert \$50 slugs of 880 and 887 fineness and the United States Assay Office of Gold of 884 and 887 fineness were due to a lack of standard acids used in the refining process. If in fact some silver were used as a portion of the alloy, this would certainly show up in the specific gravity figures, and could result in a coin lighter in color than the Philadelphia Mint pieces.

I have commenced to query my numismatic friends to run some 'S' mint pieces so I may run the specific gravities. If I can arrange it, I'll take any I obtain with me to the ANA Counterfeit Symposium in July, where there is supposed to be an X-ray diffraction machine, which should be of assistance in this quest. If any comes of this, I shall inform you promptly.

My wife and I continue to enjoy your 'Early Paper Money' and '1804' books. Fortunately for me, she is also a dedicated numismatist.

With all best wishes, and perhaps we shall be able to meet at New Orleans ANA in August, I am,

Sincerely,

Robert F. Kriz



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

4 October 1977

NUMISMATIST

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ANS
ANA LM 587
CNA LM 114
OIN 811
FRNS

•
Member Assay
Commission, 1972

Eric P. Newman Numismatic Education Society
6450 Cecil Avenue
St. Louis, Missouri 63105

ATTENTION: Mr. Eric P. Newman

Dear Eric:

I am considering the creation of a Numismatic Foundation or Numismatic Society here in Florida. I do have, I believe, the most extensive numismatic library in this State, and it is my intention to turn the library over to the new organization, along with other property and material.

Receipt of a copy of the charter and by-laws of your Society could be of great help and aid to me, and I would deem it a great personal favor.

We had all too little time to chat at the the Atlanta ANA Convention. Wouldn't it be great to attend a Convention which treated only education and information?

With all good wishes, I am,

Sincerely,

ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis 5, Missouri

October 11, 1977

Mr. Robert F. Kriz
1710 Richardson Road
Merritt Island, FL 32952

Dear Bob:

As you requested, I am enclosing a copy of the charter and bylaws of this organization. It is a Missouri Not For Profit Corporation organized in 1959. It is opening a numismatic museum and library in St. Louis within the year. It has sponsored research, made loans of numismatic material, arranged talks, sponsored activities, etc.

I encourage you to create a library or educational foundation if you have a means of carrying it on after you cannot handle it. Without that there are obvious problems. Have you catalogued your library yet? (We have a card index). How many shelves do your books fill? What are the specialized fields? Will you be willing to lend out scarce books? How much use of your books do you feel there will be? I would be most interested in knowing these things.

After you write me I'll call you and we will talk about it.

Sincerely yours,

Eric P. Newman

jah

Encls.



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

17 October 1977

NUMISMATIST

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ANS
ANA LM 587
CNA LM 114
OIN 811
FRNS
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Member Assay
Commission, 1972

Eric P. Newman Numismatic Education Society
6450 Cecil Avenue
St. Louis, Missouri 63105

Dear Eric:

Thank you for your very prompt response to my letter of 4 October 1977, inclosing copies of your charter and by-laws.

Since my wife and I have no natural objects of our affection, we plan on leaving our entire estate, when the survivor departs this vale of tears, to whatever organization or body we create. Thus, continuing existence is not a problem.

We now have a card index for our 40 shelves of books, pamphlets and other numismatic material, by author, by country, and by book title. We are quite deep in gold coins, and the coins of England. Otherwise, we have a good working library from ancients on down. We get along quite well in paper money of the U.S. and in tokens, especially English tokens. We are working very hard on U.S. and Royal Mint Reports. Canadian Mint Reports are complete. We have a beautiful NIKON SMZ stereo microscope, a NIKON F2 35mm camera with appropriate lenses and attachments for both macro photography and photomicrography, precision balances for dry weight and specific gravity (density), and precision tools for measuring diameter and thickness.

At this time I am not too interested in circulating our books, but since our area of Florida sees many, many Winter visitors, provision of the library and a suitable reading room might well be a source of income by the sale of memberships or charging of small fees for use. What this might develop into is uncertain at this time. Though I belong to the two local coin clubs, there is little real interest in numismatics as such, and I can count on little local support.

I have not answered sooner, Eric, because I am deeply involved in a research project with Mr. Ernest V. G. Newman, former Chief Chemist of the Royal Mint, and present Director of I.B.S.C.C., London. We were co-instructors at Vancouver last August in an Advanced Counterfeit Detection Seminar, and find we have very much in common, both professionally and personally.

Again thanking you for your help, I am,

Sincerely yours,

P. S. Current Book Want List Inclosed

*Called him
10/25/77*

Del



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

10 June 1977

NUMISMATIST

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ANS
ANA LM 587
CNA LM 114
OIN 811
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Member Assay
Commission, 1972

BOOK WANT LIST

1. Lockhart, Stewart. THE CURRENCY OF THE FARTHER EAST FROM THE EARLIEST TIMES UP TO 1895.
3 volumes, Hong Kong, Noronha & Co., 1895-1898 (vol 1 also 1907).
2. Mattingly, Harold. COINS OF THE ROMAN EMPIRE IN THE BRITISH MUSEUM. Volume V. London, 1968.
3. Royal Numismatic Society. NUMISMATIC CHRONICLE, Year 1956.
4. Utberg, Neil S. SECOND STAGE HACIENDA TOKENS. 1965 (or 1967?)...In white covers!!!
5. Whitehead, R.B. CATALOG OF COINS IN THE PANJAB MUSEUM, LAHORE. Vol II - COINS OF THE
MUGHAL EMPERORS. Oxford, 1914 (?).
6. Toda, Edward. ANNAM AND ITS MINOR CURRENCY. Shanghai, China, Noronha & Sons, 1882.
7. Gosen, Miura. ANNAM SEMPUR REKI DAISEN BU. Japan, 1966.
8. Smith, E.H. THE SAMPLING AND ASSAY OF THE PRECIOUS METALS. Chas. Griffen & Co., 2d ed. 1947

PERIODICALS WANT LIST

1. AMERICAN JOURNAL OF NUMISMATICS: Vol. 24, nos. 3-4, Whole Nos. 127 & 128, Jan & Apr 1890.
2. COIN COLLECTORS JOURNAL. Vol. 18, No. 6, Whole No. 139, Nov-Dec 1951.

MINT REPORTS WANTED

United States: Up thru 1854, 1856-1877, (1879) 1882 & 1883, 1886 & 1887, 1902, 1904 & 1905,
1907 & 1908, 1910, 1918, 1922.

CANADIAN: 1936, 1937, 1938, and 1946.

ROYAL: Up thru 1885, 1887-1904, 1907-1913, 1915, 1918-1952, 1954, ~~1961~~, and #104 on.

NOTE:

I need information on a book printed privately around 1900, in Hong Kong, by a retired British Officer, on the subject of the identification of Oriental chop-marks found on coins used in the Far East Trade.

!!!!!! IF YOU HAVE ANY OF THE ABOVE, PLEASE QUOTE ME A PRICE BEFORE SHIPPING !!!!!

Mailed - Book Rate
11-11-77



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.
1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

28 October 1977

NUMISMATIST

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Member Assay
Commission, 1972

Eric P. Newman Numismatic Education Society
6450 Cecil Avenue
St. Louis, Missouri 63105

Dear Eric:

Thank you for your interesting 'phone call of a few days ago.

In accordance with my promise, attached hereto is my list of spare publications. I have feeling I have a box of duplicate books, mostly on ancients, but as of this moment, I have not located it. When and if I do, I shall make up a list for you.

In addition to the want list of mine, now in your hands, I also need the Second Report, 1965-1966, and the Seventh Annual Report, 1970-1971, and later ROYAL AUSTRALIAN MINT REPORTS.

Thanking you in advance for such help as you may be able to extend to me, I am, with all good wishes,

Sincerely yours,

List (2 pages)

SPARES

THE NUMISMATIST: Vol 4 No 4 April 1892
5 May 1892
6 June 1892
Vol 5 No 1 July 1892
2 Aug 1892
3 Sept 1892
Vol 7 Nos 2-12 Feb-Dec 1894
Vol 13 No 1 Jan 1900
Nos 7-9 July-Sept 1900
Vol 14 Nos 2-3 Feb-Mar 1901
5-10 May-Oct 1901
12 Dec 1901
Vol 17 Nos 2-3 Feb-Mar 1901
Vol 18 Nos 7-8 July-Aug 1905 (Aug autographed "H.D. Rumberger, Philadelphia, Pa.")
Vol 19 No 5 May 1906
7 Jul 1906
9-11 Sept-Nov 1906

ANA Library Catalog, Oct 1962

Index to the Numismatist, vols 52-71 (1939-1958), 1959

WORLD COINS: Vol 1 No 10 Oct 1964
Vol 2 No 17 May 1965
Vol 3 No 27 Mar 1966
Vol 5 No 56 Aug 1968
Vol 11 No 128 Aug 1974

WHITMAN NUMISMATIC JOURNAL: Vol 1 No 8 Aug 1964
Vol 2 No 1 Jan 1965
3 Mar 1965

CANADIAN MINT REPORTS: 1972 (2 each)
1971

U. S. Mint Reports: 1931 through 1939 and extra 1932
1952
1973

THE NUMISMATIC CIRCULAR (Spink): Vol LXXIV Nos. 7-8, Jul-Aug 1966

SEABY'S COIN AND MEDAL BULLETIN: No. 676 (1974 Vol 12)

THE NUMISMATIC MESSENGER: (Castenholz and Sons) Vol 2 No 3, Mar 1972

Guition, Harold H., GUITON'S COIN GRADING GUIDE, 1793-1964. Terre Haute, IN, 1966. 105pp, illus.

Akerman, John Yonge, FOURRES AND FORGERIES. Reprint, 1970, Numismatic Communications, N.Y.

Jorgensen, Holger, ANCIENT CHINESE COINS. No date, 6 pp, 20 plates

Plates 1-7 and left half of Plate 8, Num Notes and Mono., No. 102, ANS.

Hans Schulman Catalog, 4 Feb 1950, Duplicates from the Collection of King of Egypt, etc.

THE NUMISMATIC CHRONICLE, RNS, 1965

COL. ROBERT F. KRIZ, RET.,
1710 RICHARDSON ROAD
MERRITT ISLAND,
FLORIDA 32952

28 Oct 1977

SPARES - cont.

American Journal of Numismatics:

Vol	I	No 2	June 1866	pp1, 10-12 only
		Nos. 6-12	Oct 1866-Apr 1867	
	XXI	No 3	Whole No 115	Jan 1887 (less cover)
	XXXIII	No 3	163	Jan 1899 (less cover)
	XL	No 4	193	Apr 1906
	XLI	No 1	194	Jul 1906 (less pp 25-26 and plate)
		2	195	Oct 1906
	XLII	Nos 1-4	198-201	1907-1908 (2 cys # 201)
	XLIII	No 1	202	1908-1909
		4	205	1908-1909 (2 cys)
	XLIV	No 3	208	Jul 1910 (thru p 144 - cover missing)
	LIII	Third (Final) Part:	"Lamsakos; the Gold Staters, Silver and Bronze Coinages", by Agnes Baldwin	
		Proceedings, 25th Annual Meeting, 20 Mar 1883 (less back cover)		

COL ROBERT F. KRIZ, RET.
1710 RICHARDSON ROAD
MERRITT ISLAND,
FLORIDA 32952

28 Oct 1977

SPN duplicates

Huggy Collection 1943 by Kosoff
Menjou Collection 1950
Beiss Collection 1947 Mehl
Clay Collection 1871 Stielbridge
Haines Collection 1863 Cogan
Leonard + Co 1868 Boston
Colburn Collection 1863 Woodward
Cohen Collection 1875 Bangs Merwin
Ten Eyck Collection 1922 Mehl
Wilson Collection 1925 Raymond
Kelly, Universal Cambist 1821 Vol II complete unit
Scott Colonial Continental + Confederate Currency 1879
Scott Old Catalog No 2 Paper Money 1894
Gutting Coins of the Americas 192
Low

EPW Duplicates

- Noe Selue, *Coinage of Mass* (Quaterman Reprint)
Crosby *Early Coins of America* (Quaterman Reprint)
Balog "Umayyad Abbasid & Tulunid Glass Weights etc"
Companette *Catalog of Coins Tokens Medals etc* 1913 edition
Wright Raymond *The Slideny 1804 Dollar*
LeRoux *Atlas Numismatique* 1883
Scott Stamp & Coin "Catalog of Coins etc of Central America, West Indies
& South America"
Davis "Tracts Relating to the Currency of Mass Bay 1902"
Rickenbacher - *Wooden Nickels*
Buttery - *False Mexican Gold Bars*. (English & Spanish)
Brigham "Paul Revere's Engraving" (Mass paper money)
Hubbard & Davis *Banking in Mid America* (No History of Money)
Coinage Laws of the US 1792-1894
Pinder *Becherischen Falschen Muenzen* 1843
Parber *Connecticut Colonial & Continental Money*
Low *Observations on Counterfeiting* 1895
Frossard "Numisma" various numbers
Perkins *Bank Bill Test* 1809 Reprint
Limpert *US National Bank Notes*
Limpert *US Paper Money Old Series*
Blake *US Paper Money* 1908
Elder Gilbert *US Cents of 1794*
Vol 3 *The Coin Journal* Lancaster Pa 1882
Mason *Coin & Stamp Journal* May 1867
Mason *Coin Collectors Herald* June 1881
Mason *Coin Collectors Magazine* Vol 1, No 2 & No 11
Mason " " Vol 13 ~~Vol~~ No 1 & No 3

ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis 5, Missouri

January 12, 1978

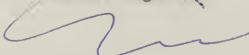
Mr. Robert F. Kriz
1710 Richardson Road
Merritt Island, FL 32952

Dear Bob:

Everything you sent has arrived, but I have been in Jamaica for almost a month to recharge my batteries. I have not had a chance as yet to visit the out of town accumulation of numismatic pamphlets and I hope I can get to that soon.

Will you please bear with me for a while.

Kindest regards,



Eric P. Newman

jah

15 November 1977

Dear Eric:

The report arrived yesterday, ^{MQ} and I do thank you for it.

I trust by now you have received the material I sent to you on 11 November 1977.

I have started the search for American State Papers, and will keep you advised. Should you run into a set, please let me know.

All good wishes,

COL. ROBERT F. KRIZ, RET.
1710 RICHARDSON ROAD
MERITT ISLAND,
FLORIDA 32952

Truely

Bob

ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis 5, Missouri

March 28, 1978

Mr. Robert F. Kriz
1710 Richardson Road
Merritt Island, FL 32952

Dear Bob:

Spring has come and we still have snow. I am embarrassed not to have worked further on our pending trade, but I can't get to my Mint Report source until I arrange a visit to suit the owner. I spoke to him and he promised it would be soon.

I searched my basement and I found a group of duplicates, some of which may be of interest to you. I do not know how broad your library is, but I collect everything American or printed in America in every edition. Hope there are some on the list you can use.

Best wishes,

Eric P. Newman

jeh

ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis 5, Missouri

August 9, 1978

Mr. Robert Kriz
1710 Richardson Road
Merritt Island, FL 32952

Dear Bob:

I am recovering from my operation and have gone from two crutches to one crutch. I have been delayed in helping you as I previously indicated. However, I am pleased to report that a friend of mine in the East located American State Papers (Financial), Volumes 4 and 5, which contain the Mint reports for several years in the 1820 period. They also contain the official reports as to the analysis of foreign coins. There are reports both from the Secretary of the Treasury and from the President, as you will note in the index in front of each volume. As I told you, these volumes are very scarce and I hope I can find more for you. The volumes are on their way to you. I still am hopeful of getting to my source for Mint reports as soon as I can.

Kindest regards,

Eric P. Newman

jah

COL. ROBERT F. KRIZ, Ret.
1980 N. Atlantic Ave., #809
Cocoa Beach, FL. 32931



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

~~1240 Richardson Road~~
~~Merritt Island, Florida 32952~~

305-432-0818 784-0555

~~1-800-368-1027~~
~~15 Jan 1978~~
~~21 AUG 547 1379~~
BOOK WANT LIST

NUMISMATIST

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ANS
ANA LM 587
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OIN 811
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Commission, 1972

1. Lockhart, Stewart. THE CURRENCY OF THE FARTHER EAST FROM THE EARLIEST TIMES UP TO 1895. 3 volumes, Hong Kong, Noronha & Co., 1895-1898 (vol 1 also 1907).
2. Mattingly, Harold. COINS OF THE ROMAN EMPIRE IN THE BRITISH MUSEUM. Volume V. London, 1968.
3. Royal Numismatic Society. NUMISMATIC CHRONICLE, Year 1956.
4. Utberg, Neil S. SECOND STAGE HACIENDA TOKENS. 1965 (or 1967?)...In white covers!!!
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7. Cosen, Miura. ANNAM SEMPUR REKI DAISEN BU. Japan, 1966.
8. Smith, E. A.. THE SAMPLING AND ASSAY OF THE PRECIOUS METALS. Chas. Griffen & Co., 2d ed. 1947
9. American State Papers, Class III, Finance, Vols I thru V. US Government, 1840's.

PERIODICALS WANT LIST

1. AMERICAN JOURNAL OF NUMISMATICS: Vol. 24, nos. 3-4, Whole Nos. 127 & 128, Jan & Apr 1890.
2. COIN COLLECTORS JOURNAL. Vol. 18, No. 6, Whole No. 139, Nov-Dec 1951.
3. American Numismatic Society PROCEEDINGS, Years 1925 (#67) and 1929 (#71) only.

MINT REPORTS WANTED

United States: Up thru 1853, 1856-1876, ~~1876~~, 1882 & 1883, 1886, ~~1886~~, 1904, ~~1904~~, 1907, ~~1907~~, 1922.

CANADIAN: 1936, 1937, 1938, and 1946.

ROYAL: 1869, 1870, 1872-1875, 1877, 1879, 1891, 1893-1901, 1903, 1904, 1907-1913, ~~1913-1914~~

AUSTRALIAN: 2d Annual 1965-1966, 7th Annual 1970-1971, ~~1971-1972~~ through 10th Annual 1973-1974

NOTE:

I need information on a book printed privately around 1900, in Hong Kong, by a retired British Officer, on the subject of the identification of Oriental chop-marks found on coins used in the Far East Trade.

!!!!!! IF YOU HAVE ANY OF THE ABOVE, PLEASE QUOTE ME A PRICE BEFORE SHIPPING !!!!!

Eric:
Please
note
new address
Bob

gpn dup

The American Numismatist Oct 1897

Gilbert U.S. Half Cents ~~A~~ Forman reprint

Geo. Q. Mathews

Coinages of the World (NY 1876) 305 pp.

Raymond Coins of the World 19th Century 1st Edition

Scott Silver & Gold Coins 1893

Owerton Supplement to Early Half Dollars

Foster Historical Arrangement of U.S. Commemorative
Coins 1936 Rochester

Breton Oct 1897

Money & Icons of Canada &

Contents missing

Original. ~~Now complete~~ except no ^{single} wrapper

Kerry Cup
on hand,

1931

1932

33

34

35

36

37

38

1939

1952



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

15 August 1978

NUMISMATIST

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Commission, 1972

Mr. Eric P. Newman
6450 Cecil Avenue
St. Louis, MO 63105

Dear Eric:

Your letter of August 9, here August 11, pleased me very much, and the books themselves arrived today. I am really overjoyed, Eric, and I do thank you very much for them. Just a very quick scan shows me much that I can use. I have an outstanding request with the Florida State Library System for almost a year, but nothing has come to hand regarding American State Papers. Again, my thanks and gratitude for these volumes.

It is with regret I learn of your disability, for I was looking forward to seeing you at the ANA Convention in a few days. Take care of yourself, and perhaps our paths will cross soon.

With all good wishes,

Sincerely,
Bob

dupp for Kresz

I can fill in Numismatists

1899 Jan Feb May July

1902 Mar June

1904 May

1905 Feb Mar Apr May June

1906 Feb Mar Apr ~~Aug~~ Dec

N^o 12553

EDISON BROTHERS STORES, Inc.

EXECUTIVE OFFICES
ST. LOUIS, MO.OPERATING
CHANDLERS SHOE STORES
BAKERS SHOE STORES
LEEDS SHOE STORES
BURTS SHOE STORESTO *Accounts Payable**Charge to: Mr. Eric P. Newman*DATE *8-11-78*FROM *Parcel Post Mailing*VIA *Book Rate*

QUANTITY	DESCRIPTION	PRICE	NET AMOUNT
<i>1 Pkg.</i>	<i>Mr. Robert Kriz Merritt Island, Fl.</i>		
		<i>Paid 8/16/78 AB</i>	
	<i>Postaged →</i>	<i>\$2.50</i>	
	<i>Lab Boy →</i>	<i>.05</i>	
	<i>total →</i>	<i>\$2.55</i>	



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

13 September 1978

NUMISMATIST

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ANS
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Member Assay
Commission, 1972

Mr. Eric P. Newman
6450 Cecil Avenue
St. Louis, MO 63105

Dear Eric:

Missed seeing you at the Houston Convention. It was even more frenetic than ever, what with the hotels being about a mile away from the bourse and exhibits, and with well over 300 dealers' tables!

At the Convention I managed to run down Volumes II and III of AMERICAN STATE PAPERS - FINANCE, and I have them tucked into my library. Now I need only Volume I. I did not add any U S Mint Reports to my collection, so the want list you have is, unfortunately, still current.

In catching up with my reading after the Convention, I did find your item in the COIN WORLD of 23 August re your copy of the 1913 Indian Head nickel. I dug out my Mint Reports and find the Philadelphia Mint for the years 1903-1906 and 1908, and the San Francisco Mint for the years 1908 through 1913, struck Philippine 1 centavo coins, from an alloy of 95% copper, and 5% zinc and tin, the finished coins weighing 5.18 grams and were 25mm in diameter. Now the standard nickel weighs 5.00g and is 21.21mm in diameter. Thus, both mints had cut larger blanks, larger than the cent, from the cent/centavo alloy... so maybe with some judicious 'squashing down' on the upsetting machine, a centavo blank was reduced in size to fit the nickel collar. What does your piece weight, Eric?

I do not believe density (specific gravity) determination is going to help a great deal. The theoretical density of the cent alloy is 8.9449, assuming pure copper at 8.96 and tin at 7.30 and zinc at 7.133. But mint grade copper just did not come up to 8.96, and probably ran around 8.92-8.93. So, density of the cent alloy is about 8.8205, and using similar densities for cupro nickel, its density comes out to 8.9187, and the difference is 1.1%. This is really too close to call, and even then assumes very precise determinations, under laboratory conditions. It would be useful, however, to determine the density of your nickel and to determine the density of a one centavo piece, both the 1908 last Philadelphia year, and the 1913 San Francisco centavo. That should be 1905 Philadelphia, since the years 1906 and 1908 were proof years only. I'll try to run down one or more centavos and give you the densities I derive, and a copy of my system for density determination, which has been run through the National Bureau of Standards, so someone in your area can determine the density of your nickel.

There is a non-destructive method of determination of the metal content of your nickel, and that is neutron activation. There must be some university or laboratory in the St. Louis area which has the proper equipment. Nothing happens to the coin, except it has to be stored in a lead box for about a month, because it will have become radioactive. You will be able to get the composition of the coin, down to tenths of a part per million, using neutron activation. And that will settle controversy for all time.

All good wishes, as always,

Sincerely,
Bob

ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis 5, Missouri

September 19, 1978

Col. Robert F. Kriz
1710 Richardson Road
Merritt Island, FL 32952

Dear Bob:

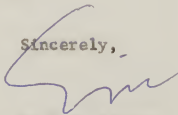
As Sherlock Holmes would have said to Watson about your information concerning the Philippine coinage metal, "I think he's got it." The adulteration of my piece is nickel and tin, and the Mint Reports seem to indicate zinc and tin. Would it be possible for you to make me a photocopy of the Mint Reports between 1903 and 1913 with respect to the content of the Philippine coinage? I may take a Philippine coin and have it analyzed chemically as well as by neutron activation. I have discussed neutron activation with a chemistry friend at Washington University here and he is ready to undertake the test.

If they had such a metal in strip form I am sure it could be rolled to the proper thickness and the planchet cut normally. It is very exciting to research this point.

I am delighted you got volumes 2 and 3 of the American State Papers - Finance.

My kindest personal regards.

Sincerely,



Eric P. Newman

jah



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

20 September 1978

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Mr. Eric P. Newman
6450 Cecil Avenue
St. Louis, MO 63105

Dear Eric:

Over last weekend I did acquire a Philippine centavo. After a lot of time getting the verdigris out of the letters and devices, and being sure the piece was absolutely clean down to the metal, only, I ran the density (specific gravity) of the coin. It turned out to have a value of 8.84, somewhat higher than the figure of 8.82 as predicted in my letter of 13 September 1978, but still very close.

Inclosed herewith are copies of my data sheets I developed for handouts in the counterfeit detection classes I have taught all over this country and Canada.

You may care to have some careful technician do the density of your coin, but I recommend no cleaning of the coin. The value derived for density won't be out that much. The distilled water used will not harm the coin; afterward, be sure to air-dry thoroughly before placing in storage. You might even consider using a bit of medicinal olive oil to seal the surfaces, carefully blotting off any excess with camera lens tissue (scratchless).

All good wishes, as always,

Sincerely,
Bob

2 Incls: a/s

Philippine Cement 1905

CA + PL + SW	=	_____
- PL + SW	=	_____
CA	=	<u>5.1225g</u>
CW + PL + SW	=	_____
- PL + SW	=	_____
CW	=	<u>4.5480</u>
CL = CA - CW	=	<u>.5745</u>
T = <u>27.5</u> °C;	WD =	<u>996.3726</u>
CV = CL + WD	=	<u>.5765915</u>
SG = CA + CV	=	<u>884.1059</u>

Std Diam <u>7/16"</u>	Std Thick <u>NH</u>
E/W <u>92" - 42"</u>	1200 <u>1.443"</u>
N/S <u>92" - 42"</u>	0300 <u>1.478"</u>
Center Thick:	0600 <u>1.455"</u>
<u>1.285"</u>	0900 <u>1.471"</u>

Uncorrected SG = 8.916443

Finish H₂O - 3 drops for flow

17 Sept 1908 - weather 30.0" Hg



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.

1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

25 September 1978

NUMISMATIST

•
ANS
ANA LM 587
CNA LM 114
COIN 811
FRNS
•

Member Assay
Commission, 1972

Mr. Eric P. Newman
6450 Cecil Avenue
St. Louis, MO 63105

Dear Eric:

Herewith photocopies of what I have, as per your request of 19 September 1978.

I do not have all the Mint Reports from 1903 through 1913, but I do have most of them. Consistently, they only mention bronze for the Philippine centavo and half-centavo when speaking of the coinage directly. Incl 1 hereto is from the Fiscal Year 1914 (1 July 1913 - 30 June 1914) Report, and it is evident tin and zinc were the alloying metals for mixture with copper. I did pencil in the percentages, but the San Francisco Mint probably had a little of each of the three metals left over from the previous year's procurement, as metals, or in scissel or honeycomb left over from punching blanks, or both.

Incl 2 is from a very recent publication of the Bureau of the Mint. It consistently calls for 95% copper and 5% zinc and tin for the centavo and half-centavo.

In the Mint Report for FY 1902, p. 113, I can across the following quote from the U.S. Statutes, Chap 1369, Laws of 1901-02:

" § 79. The alloy of the five-centavo piece shall be copper and nickel, to be composed of three-fourths copper and one-fourth nickel. The alloy of the one-centavo and one-half centavo piece shall be ninety-five percentum of copper and zinc, in such proportions as shall be determined by said government. The weight of the five-centavo piece shall be seventy seven and sixteen hundredths grains troy and of the one-centavo piece eighty grains troy and of the one-half centavo piece forty grains troy."

It is obvious to me there is something omitted from the statute as quoted, since as quoted only 95% of the metal is called for. You might care to check this out in the library of a law school in your area. While there, you might also check out the Act of March 3, 1903, which has something to do with the coinage authorized for the Philippines - I cannot tell exactly from its use in the Mint Reports.

I enclose the centavo I worked on for you - you may well have more use for it than I shall have in the future. Also, I include my ticket covering its physicals.

All good wishes, as always, and when you come to a conclusion regarding your 5¢ 1913 piece, please let me know.

Sincerely,

Bob

4 Incls: a/s



ROBERT F. KRIZ
Colonel, U.S.A.R., Ret.
1710 Richardson Road
Merritt Island, Florida 32952
305-452-8018

30 August 1974

NUMISMATIST

ANS
ANA LM 587
CNA LM 114
CIN 811
FRNS

Memo to
Commander

*Not now correct
being re-written
use a balance
with readability
to 0.0001 gram*

SPECIFIC GRAVITY PROCEDURE

1. Buy or obtain the use of a single pan, knife edge or torsion balance, capable of reading to $\frac{1}{100}$ of a gram. Balances reading in grains may be used, certainly, but the U.S. is going metric, gradually. Double pan balances may be used, but they are much slower in operation. The following discussion assumes a single pan balance.
2. Balance must be placed on a level surface, front to rear and side to side. Permit the balance to assume room temperature before use.
3. Use steam distilled, deionized water. The 'distilled' water your druggist uses for prescriptions is likely USP filtered water, not good enough for your jewel of a coin!
4. Use a drop or two of a strong kitchen detergent or Kodak Photo-Flo 200 Solution in the water to minimize the meniscus effect of the water where the suspension device passes through the surface of the water.
5. Use as small a diameter wire suspension device as will support the coin. Copper wire about 0.0065" is just about right - mine comes from a discarded TV choke.
6. Figure out some way to adjust the beaker or water container for height, so you may maintain the "wetted" length of the suspension device when immersed in the water. When the coin and suspension device are immersed in the water, the water will be displaced upwards in the beaker, as compared with the suspension device alone, without coin, and consequently the beaker must be lowered to assure identical "wetted" length of the suspension device. A modified laboratory jack works well here.
7. Provide yourself with an accurate F^0 or C^0 thermometer.
8. The coin must be absolutely sanitary. Since we are concerned with mass vs. volume, anything on the surface of the coin, encrusted dirt, grease, tar, etc., is going to result in an erroneous specific gravity figure. I prefer to use a magnesium leaf, in hot, hot water in a glass bowl, with a generous shot of kitchen detergent. The principle here is that of ion displacement. It is amazing how 1 to 2 minutes per side on the leaf will sanitize a coin! It will be squeaky clean! And so will your fingers! A very soft bristle brush may be used to get encrustations out of the reading. Use Jewelustre or similar solutions only as a last resort, one jar for gold and one for silver. Otherwise, you may get into a plating situation. Always wash Jewelustre off in cold running water and neutralize by washing with soap and water, and then rinse in running water.
9. Be sure there are no air drafts from fans, airconditioning or heating to deflect the balance. Wear a mask to prevent your breath from affecting the balance. Turn off radios, florescent lights, etc., in the immediate vicinity of the balance to eliminate any electrical fields.
10. Balance the balance, that is, zero the balance.
11. Weigh the coin in air = CA. Record the weight.
12. Record the initial temperature of the water, in F^0 or C^0 = T^1 .
13. Weigh the suspension device in water = SW. Record weight. Carefully note length of suspension device "wetted" in water. Make certain there are no air bubbles on the device!
14. Weigh coin and suspension device in water, adjusting water level so same length of suspension device is "wetted" = (C+S)W. Record weight. Again, no air bubbles!
15. Remove coin and suspension device from balance, and check balance for zero. If balance does not return to zero, start over again with Step 10.
16. Record final temperature of water, in F^0 or C^0 = T^2 .
17. Average temperature of water, $T^1 + T^2 \div 2$ = TM. Record TM.
18. Determine density of water at TM from charts provided = WD. Record WD.
19. Determine weight of coin in water = (C+S)W - SW = CW. Record CW.
20. Determine weight loss of coin in water = CA - CW = CL. Record CL.
21. Determine volume of coin = $CL \div WD = \text{_____ cm}^3$ = CV. Record CV.
22. Specific Gravity = $CA \div CV = \text{_____ g/cm}^3$ = sp. gr.



ROBERT F. KRIZ, Colonel, U.S.A.R., Ret., Numismatist

ANS LF • ANA LM 587 • CNA LM 114 • NI LM 35 • FRNS • Member Assay Commission, 1972
FUN LM 221 • Medal of Merit ANA, 1979 • Howland Wood Award ANA, 1985

21 March 1988

The 97th Anniversary American Numismatic Association Convention at Cincinnati, Ohio in July is approaching and exhibit judges are needed, for:

BOB IS BACK

as Chief Judge of Exhibits, having been so in 1976-1981.

This is the recruiting letter for ANA Certified Exhibit Judges for the Cincinnati Convention. The 1988 competitive classes are as indicated overpage. You are certified in the classes shown in the lower right corner of this letter. Please tell me on the white copy of the inclosure whether or not you shall be able to judge numismatic exhibits this year, and return it to me. Keep the colored copy for your file. Those who indicate they shall be available as judges will be furnished with a firm assignment to a specific class. Hopefully, no one judge will be asked to judge more than one class. Along with your assignment you will receive a copy of the 1988 Rules for Exhibiting and Judging. There has been some minor 'wordsmithing' as compared with the former Rules, but we hope for their betterment. Please bring you copy of the Rules to Cincinnati, for there will be no extras there.

We shall make every effort to hold the initial judges' meeting to no more than one hour.

Looking forward to participating with you in the judging of numismatic exhibits at our 97th Anniversary Convention, I am,

Sincerely,

Robert F. Kriz
Chief Judge

See overpage for classes

You are certified in classes:

What classes, Eric?

Incl (dupl)

1980 North Atlantic Avenue, Suite 809 • Cocoa Beach, Florida 32931-3276 • 305
407-7784-0505

1988 ANA CONVENTION EXHIBIT CLASSES

Group A - Competitive Senior Exhibits

1. United States Coins
2. United States Paper Money
3. Medals
4. Tokens
5. Military Medals, Decorations, Orders and Badges
6. Obsolete Paper Money Issued in the U. S.
7. Coins Issued Prior to 1500 A. D.
8. Foreign Coins Issued 1500 A. D. & Later
9. Foreign Paper Money
10. U. S. Gold Coins
11. Foreign Gold Coins
12. Latin American Coins and Currency
13. Canadian Coins and Currency
14. General or Specialized
15. Private Mint Issues Since 1960
16. Western Americana
17. Numismatic Errors & Error Varieties
18. Love Tokens
19. Local Interest Numismatic Material
20. Issues of the Government of Israel

Group C - Competitive Young Numismatist Exhibits

Col. Robert F. Kriz, USAR, ret.
1980 N. Atlantic Ave Suite 809
Cocoa Beach, FL 32931
305-784-0505

1988 ANA Convention Exhibit Judge's Response Sheet

☐

Yes, I shall judge at Cincinnati. I prefer the following classes:

1. _____
2. _____
3. _____

☐

Alternatively, I shall be willing to judge the following:

1. _____
2. _____

☐

Sorry, I shall not be able to judge exhibits this year.

☐

Please retain my name on the judges' list.
remove from

Date

Signature

Address

phone number _____

Please forward the white copy to me at the address above, and retain the colored copy for your file.

The Time/Event Schedule is overpage on your copy.

13 April 1988

Dear Judge:

Response to my recruiting letter of 21 March 1988 has been insufficient to staff all 20 classes with three judges each. The judges who have responded thus are facing the prospect of judging more than one (1) class. Won't you help out with the total judging task?

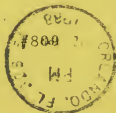
Please respond promptly, and we all can make the Exhibit Judging segment of the 97th ANA Convention as good as can be!

Sincerely,

Bob Key

Chief Judge

1980 N. Atlantic Ave
Cocoa Beach, Fl 32931



ERIC P. NEWMAN NUMISMATIC EDUCATION SOCIETY

6450 Cecil Avenue, St. Louis, Missouri 63105

April 15, 1988

Mr. Robert F. Kriz
1980 N. Atlantic Avenue
Cocoa Beach, FL 32931

Dear Bob:

I am not returning from England until July 16, 1988, and then I have to read my mail. I am trying to get to Cincinnati by July 21, 1988. If there is anything I can do by that time, I will certainly try.

The foregoing is the reason you have not heard from me.

My kindest regards.

Sincerely,

Eric P. Newman

jah